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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/582,719

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David Browne

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EXAMINER

ELBIN, JESSE A

ART UNIT

PAPER NUMBER

2614

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/582,719	<b>Applicant(s)</b> BROWNE, DAVID	
	<b>Examiner</b> JESSE A. ELBIN	<b>Art Unit</b> 2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 12 June 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5, 10 and 12 is/are rejected.
- 7) ☒ Claim(s) 6-9 and 11 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 June 2006 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>04/26/2007</u> .  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Drawings***

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: Figure 4 ##114, 116, 120, 124, 126, 128, and 130. While the specification states that “like components have been accorded like reference numerals” (p. 8 bottom to p. 9 top), the reference characters in the figures must still be mentioned in the specification. If the components of Figure 4 “perform a like function” then they should be referred to with the same reference characters, or the reference characters removed from Figure 4.
2. Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 2, 4, 5, 10, and 12 are rejected under 35 U.S.C. 102(b) as being anticipated by Plice (US Patent 4,514,598 ('598)).

**Regarding claim 1**, Plice teaches a mount for a microphone ('598 title), the mount being adapted to rigidly clamp (*via* "microphone cradle"; '598 Figs. 2 and 5 #3) a microphone body ('598 Fig. 1 #21) at a plurality of discrete points ("friction surface"; '598 Figs. 2 and 5 #14) on the circumference of the body ('598 Figs. 1-2).

**Regarding claim 2**, Plice remains as applied above.

Plice further teaches that the plurality of discrete points comprises at least one set of at least three discrete points disposed around the circumference of the microphone body ('598 Fig. 2 *illustrates 6 bands providing 6 discrete friction surfaces*).

**Regarding claim 4**, Plice remains as applied above.

Plice further teaches that the or each set the discrete points are substantially equally spaced around the circumference of the microphone body ('598 Fig. 2 *illustrates the "friction surfaces" being placed at regular intervals*).

**Regarding claim 5**, Pllice remains as applied above.

Pllice further teaches that the mount comprises a frame ("curved portion"; '598 Fig. 5 #28) and a plurality of members ("isolators"; '598 Figs. 1-5 #2) extending inwardly from the frame ('598 Figs. 2 and 5) to engage the microphone body at the or each set of discrete points ('598 Fig. 1).

**Regarding claim 10**, Pllice remains as applied above.

Pllice further teaches that at least one inwardly extending member is adjustable ("cradle 3 flexes to receive the microphone body"; '598 col. 3 lines 29-30) to allow the mount to accommodate microphone bodies of different diameters (*implicit in that the* "shock-mounting apparatus 15 can cradle a microphone with a body about 3/4" in diameter"; '598 col. 4 lines 43-44).

**Regarding claim 12**, Pllice teaches a method of clamping a microphone ('598 title) in a mount ('598 Fig. 2) such as to reduce the transmission of vibrations thereto through the mount ("a shock-mounting apparatus for vibrationally isolating a microphone..."; '598 col. 2 lines 6-7), the method comprising clamping the microphone at a plurality of discrete points ("friction surface"; '598 Figs. 2 and 5 #14) on the circumference of the microphone body ('598 Fig. 1 #21).

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Plice (US Patent 4,514,598 ('598)) in view of Cech (US Patent 4,546,950 ('950)) (already of record).

**Regarding claim 3**, Plice remains as applied above.

Plice does not explicitly teach that "the mount is adapted to clamp the microphone body at first and second sets of at least three discrete points around its circumference, the first and second sets of discrete points lying in substantially parallel spaced planes".

In the same field of endeavor, Cech teaches a mount being adapted to clamp the microphone body ('950 Fig. 1 #5) at first (e.g. front; '950 Fig. 1) and second (e.g. back; '950 Fig. 1) sets of at least three discrete points around its circumference (*as taught by Plice above*), the first and second sets of discrete points lying in substantially parallel spaced planes ('950 Fig. 1) for the benefit of securely holding a longer microphone.

It would have been obvious to one of ordinary skill in the art at the time of the invention to duplicate the rigid clamp taught by Plice by locating a second clamp in a

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parallel plane, as taught by Cech, for the benefit of securely holding a longer microphone.

***Allowable Subject Matter***

7. Claims 6-9 and 11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Conclusion***

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Ramsey (US Patent 4,194,096) teaches a microphone shock mount and assembly clamping a microphone in two parallel planes.
- b. Baumhauer (US PGPub 2003/0197316) teaches a microphone isolation system which rigidly clamps a microphone in a cradle.
- c. Tarshis et al. (US Patent D327,211) teaches a flexible holding clamp.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JESSE A. ELBIN whose telephone number is (571)270-3710. The examiner can normally be reached on Monday through Friday, 9:00am to 6:00pm EDT.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis Kuntz can be reached on (571) 272-7499. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/JESSE A ELBIN/  
Examiner, Art Unit 2614